

Sudan University of Science and Technology
College of Post Graduate Studies

The role of:

Computers In Teaching English language

At grade eight of the basic level students in Khartoum

A suggested manual for teachers who teach English language through
computers

Submitted for the award of doctor of philosophy in Education

(Educational Technology)

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بسم الله الرحمن الرحيم

قال تعالى:

" والله أخرجكم من بطون أمهاتكم لا تعلمون شيئاً وجعل لكم السمع

و الأبصار و الأفئدة لعلكم تشكرون "

سورة النحل – الآية 78

From the Noble Qura'n:

In the name of Allah, Most Gracious Most Merciful

"And Allah has brought you out from the wombs of your mothers while you knew nothing. And He gave you hearing, sight, and hearts that you might give thanks to Allah"

Surah 16 An-Nahl Verse. No. 78

Dedication

This dissertation is dedicated to all parents and children, learning to achieve their own future using devices for a new era, a new decade for an easy and comfortable life, to the coming generations learning to celebrate their shared experience.

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Abstract

The aim of this study is to determine whether and how the use of computers inside classrooms might facilitate the information acquisition of the students at grade eight in the basic stage and to see how the presence of computers in English classrooms might affect the whole process of teaching and learning. Questionnaires from more than 150 English teachers located in 30 basic level schools in Khartoum, Khartoum north and Omdurman were collected to provide the background information about teacher's attitude towards technology use in teaching English.

Classroom observation model was designed and used to track how more than 200 students interacted and worked together in (CBI) computer based instruction laboratories in Kingdom of Saudi Arabia. The relationship between the frequency of computer use and indicators of information acquisition were investigated using statistics of T.test based on SPSS program to situate the relationship between the control and experimental group. 11 research questions were asked and analyzed using SPSS program, all tables and figures were set through the mentioned program. The importance of this study depends on the suggested manual through which we can bridge the broad gap between our schools and technology, in fact this gap left our students isolated from essential learning techniques and resources, more over we can save effort , money and time when we teach through computers . Results and recommendations were put in chapter six.

مستخلص

تهدف هذه الرسالة إلى تأكيد أن استخدام أجهزة الكمبيوتر كوسيلة تعليمية داخل الصف الدراسي- لصفوف مادة اللغة الإنجليزية - يؤدي إلى زيادة قدرات طالب الصف الثامن من مرحلة الأساس في اكتساب المعلومة ويساهم بالتالي في تطوير مجمل العملية التعليمية التعلمية. استخدم الباحث (الاستبيان) كأداة رئيسة لتجميع المعلومات الخاصة بمجتمع الدراسة حيث تم توزيع أكثر من 200 استبيان, استرد منها 150 في كل من الخرطوم, الخرطوم بحري و امدرمان. استهدفت الأداة تجميع اتجاهات مدرسي مادة اللغة الإنجليزية تجاه استخدام الحاسب الآلي كوسيلة تعليمية داخل الصف الدراسي بالإضافة إلى معرفة مدى توفر أجهزة حاسب آلي بمدارس العينة ومدى استخدامها كوسيلة تعليمية في حال توفرها. ونظراً لما وقف عليه الباحث من قلة وجود فصول مجهزة بمعامل حاسب آلي في مدارس العينة يمكن عن طريقها قياس أثر الحاسب في اكتساب المعلومة لدى طلاب هذه المرحلة العمرية فقد تمت إضافة جانب تجريبي باختيار طلاب من نفس المرحلة العمرية المذكورة بالمملكة العربية السعودية لتوفر معامل للحاسب الآلي تفي بالغرض التجريبي للرسالة. حيث تم إعداد مجموعتين ضابطة وتجريبية وقام الباحث بإجراء اختبار (ت) لقياس مدى التباين بين درجات المجموعتين في الاختبار التحصيلي الذي أجراه الباحث على المجموعتين ومن ثم استكملت البيانات المطلوبة لقياس أثر الحاسب الآلي كمتغير رئيسي في تغيير وتطوير مهارات الطالب في اكتساب المعلومة. تكمن أهمية الرسالة في تطوير آلية سهلة الاستخدام كوسيط بين الطالب و المعلم يمكن من خلال هذه الآلية المقترحة سد الفجوة الواسعة بين طلابنا في مرحلة الأساس وبين التقنيات هذه الفجوة التي جعلت مدارسنا تعيش في عزلة عن استخدام الكمبيوتر كمصدر رئيسي وحيوي للمعرفة و قد توصل الباحث إلى نتائج وتوصيات تم تضمينها في الفصل السادس من الرسالة.

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